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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/355,990	08/24/1999	TAKAYA NONOMURA	P341-9004	7195

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EXAMINER

DESIR, JEAN WICEL

ART UNIT	PAPER NUMBER
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2614

DATE MAILED: 06/18/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/355,990

Applicant(s)

NONOMURA ET AL.

Examiner

Jean W. Désir

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 3-8 is/are allowed.
- 6) ☒ Claim(s) 1 and 2 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 24 August 1999 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 3, 7.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Specification

1. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Drawings

2. The drawings are objected to because:
 - a) The description on page 5 line 25 to page 6 does not correspond to Fig. 2.
 - b) Fig. 5 is not a flowchart as stated on page 7 lines 5-6.
 - c) On page 13, starting with line 21, component numbers do not correspond to the component numbers show in Fig. 12.
 - d) Applicants are advised to review the whole specification so that the description matches the drawings.

A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the

invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1, 2 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ando (5,109,279) in view of Yamaguchi (5,790,204).

Claim 1:

Ando discloses:

a receiving means for receiving a television broadcast signal, see Fig. 1 items 12, 14;

a first output means for outputting a first video signal based on a video signal contained in a television broadcast received by said receiving means, see Fig. 1 item 18;

a second output means for outputting a second video signal based on an additional information signal contained in the television broadcast signal received by said receiving means, see Fig. 1 item 16;

a second compression means for compressing the second video signal and outputting a second compression video signal, see col. 2 line 27;

and a compositing means for compositing, and outputting onto monitor, a first video signal and the second compression video signal so as to be displayed on different screen portions of said monitor, see Fig. 1 items 36, 38, 40, Fig. 3;

the difference between the claimed invention and Ando's disclosure is that Ando does not explicitly say: the television broadcast signal is digital, the first video signal is compressed by a first compression means. However, receiving digital television broadcast signal is conventional and at level of one skill in the art, and first compression

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means as claimed is known in the art as evidence see Yamaguchi at Fig. 5 items 113, 123. Ando would have rendered the claimed invention obvious in view of these well known features. An artisan would be motivated to combine the references to arrive at the claimed invention; this combination would effectively assist the viewer when viewing multiple signals on one display. Therefore, the claimed invention would have been obvious to a person of ordinary skill in the art at the time the invention was made. Claim 2 is disclosed, see Yamaguchi at Fig. 5 items 150, 151, col. 8 lines 19-27.

Allowable Subject Matter

5. Claims 3-8 are allowed. Because the prior art does not teach or would not have rendered obvious a digital television receiver, such as claimed in claims 3-8, that has: a first selector (item 36 of Fig. 7) for receiving at least the digital video data and the additional information video data and outputting first video data; a second selector (item 38 of Fig. 7) for receiving at least the digital video data and the additional information video data and outputting second video data; a first video compression means (item 40 of Fig. 7) for compressing the first video data according to a first compression ratio and outputting a first compression video signal; a second video compression means (item 42 of Fig. 7) for compressing the second video data according to a second compression ratio and outputting a second compression video signal; and a second video compositing means (item 44 of Fig. 7) for compositing the first compression video signal and the second compression video signal according to a second window signal (item 46 of Fig. 7). The closest prior art, Ando (5,109,279) and Yamaguchi (5,790,204), disclose

a system for synthesizing or compositing a video signal and an additional information signal contained in the video signal, either singularly or in combination, fail to anticipate or render obvious the present invention as claimed in claims 3-8.

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Jean W. Désir** whose telephone number is **(703) 308-9571**.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **John W. Miller**, can be reached at **(703) 305-4795**.

7. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231


or faxed to:

(703) 872-9314 (for Technology Center 2600 only)

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

8. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is **(703) 306-0377**.

JWD
Jun. 9, 03


JOHN MILLER
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600